1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Plink Washer &amp; Dishwasher Freshener &amp; Cleaner Tablet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>Not available</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Cleaner and Freshener</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>None known.</td>
</tr>
<tr>
<td>Manufacturer information</td>
<td>Iron Out dba Summit Brands</td>
</tr>
<tr>
<td></td>
<td>6714 Pointe Inverness Way</td>
</tr>
<tr>
<td></td>
<td>Suite 200</td>
</tr>
<tr>
<td></td>
<td>Fort Wayne, IN 46804-7935 US</td>
</tr>
<tr>
<td></td>
<td>Phone: 260-483-2519</td>
</tr>
<tr>
<td></td>
<td>Emergency Phone: 1-800-424-9300 (CHEMTREC)</td>
</tr>
<tr>
<td>Supplier</td>
<td>See above.</td>
</tr>
</tbody>
</table>

2. Hazards Identification

- **Physical hazards**: Not classified.
- **Health hazards**: Skin corrosion/irritation - Category 2
  - Serious eye damage/eye irritation - Category 2A
- **Environmental hazards**: Not classified.
- **WHMIS 2015 defined hazards**: Not classified

**Label elements**

- **Signal word**: Warning
- **Hazard statement**: Causes skin irritation. Causes serious eye irritation.
- **Precautionary statement**
  - **Prevention**: Wash thoroughly after handling. Wear protective gloves. Wear eye protection.
  - **Response**: IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse. Specific treatment (see information on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
  - **Storage**: Store away from incompatible materials.
  - **Disposal**: Dispose of container in accordance with local, regional, national and international regulations.

**WHMIS 2015: Health Hazard(s) not otherwise classified (HNNOC)**: None known

**WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)**: None known

**Hazard(s) not otherwise classified (HNOC)**: None known.

**Supplemental information**: None.

3. Composition/Information on Ingredients

**Mixture**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric Acid</td>
<td></td>
<td>77-92-9</td>
<td>30-60*</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td></td>
<td>497-19-8</td>
<td>7-13*</td>
</tr>
</tbody>
</table>

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
Composition comments

US GHS: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

---

4. First Aid Measures

Inhalation
If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Skin contact
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse.

Eye contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Ingestion
Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.

Most important symptoms/effects, acute and delayed
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Skin irritation. May cause redness and pain. Dermatitis.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

General information
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Avoid contact with eyes and skin. Keep out of reach of children.

---

5. Fire Fighting Measures

Suitable extinguishing media

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Use water spray to cool unopened containers.

Specific methods
May include and are not limited to: Oxides of carbon.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

---

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Minimize dust generation and accumulation. Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Absorb spillage to prevent material damage. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions
Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.
7. Handling and Storage

Precautions for safe handling
Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Avoid breathing dust. Avoid contact with eyes, skin, and clothing. When using do not eat or drink. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection
Impervious gloves. Confirm with reputable supplier first.

Other
Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. As required by employer code.

Respiratory protection
Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

Thermal hazards
Not applicable.

General hygiene considerations
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. When using do not eat or drink.

9. Physical and Chemical Properties

Appearance
Solid.

Physical state
Solid.

Form
Tablet.

Color
Yellow

Odor
Lemon

Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Pour point
Not available.

Specific gravity
Not available.

Partition coefficient (n-octanol/water)
Not available.

Flash point
Not available.

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not available.
10. Stability and Reactivity

Reactivity
This product may react with strong oxidizing agents.

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

Chemical stability
Material is stable under normal conditions.

Conditions to avoid
Do not mix with other chemicals.

Incompatible materials
Strong oxidizing agents. Not corrosive to steel or non-clad aluminum based on test data.

Hazardous decomposition products
May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.

Information on likely routes of exposure

Ingestion
May cause stomach distress, nausea or vomiting.

Inhalation
Not a normal route of exposure. Excessive intentional inhalation may cause respiratory tract irritation.

Skin contact
Causes skin irritation.

Eye contact
Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Dusts may irritate the respiratory tract, skin and eyes. Skin irritation. May cause redness and pain. Dermatitis.

Information on toxicological effects

Acute toxicity
Skin irritation, Eye irritation

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric Acid (CAS 77-92-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg, 24 Hours, ECHA</td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>5400 mg/kg, ECHA</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>5040 mg/kg, HSDB</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11700 mg/kg, ECHA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6730 mg/kg, HSDB</td>
</tr>
<tr>
<td>Sodium carbonate (CAS 497-19-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg, ECHA</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>&gt; 2000 mg/kg, ECHA</td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Guinea pig</td>
<td>800 mg/m3, 2 Hours, ECHA</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>0.8 mg/L, 2 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1200 mg/m3, 2 Hours, ECHA</td>
</tr>
</tbody>
</table>
Components | Species | Test Results
--- | --- | ---
Rat | 1.2 mg/L, 2 Hours
LD50 | 2300 mg/m3, 2 Hours, ECHA
2.3 mg/L, 2 Hours | 4090 mg/kg, RTECS
2800 mg/kg, ECHA, HSDB

Skin corrosion/irritation

| Exposure minutes | Not available. |
| Erythema value | Not available. |
| Oedema value | Not available. |

Serious eye damage/eye irritation

| Corneal opacity value | Not available. |
| Iris lesion value | Not available. |
| Conjunctival reddening value | Not available. |
| Conjunctival oedema value | Not available. |
| Recover days | Not available. |

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

| Calcium silicate (CAS 1344-95-2) | Irritant |
| Octadecanoic acid, sodium salt (CAS 822-16-2) | Irritant |

Respiratory sensitization

Not a respiratory sensitizer.

Skin sensitization

Causes irritation.

Mutagenicity

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA. See below.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Teratogenicity

Not available.

Specific target organ toxicity - single exposure

Not classified.

Specific target organ toxicity - repeated exposure

Not classified.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

Prolonged inhalation may be harmful.

12. Ecological Information

Ecotoxicity

See below

Ecotoxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric Acid (CAS 77-92-9)</td>
<td>Acute Crustacea EC50 Daphnia magna</td>
<td>120 mg/L, 72 hr</td>
</tr>
<tr>
<td>Aquatic Acute Fish LC50 Bluegill (Lepomis macrochirus)</td>
<td>1516 mg/L, 96 hr</td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate (CAS 497-19-8)</td>
<td>Crustacea EC50 Daphnia</td>
<td>265 mg/L, 48 Hours</td>
</tr>
<tr>
<td>Aquatic Crustacea EC50 Water flea (Ceriodaphnia dubia)</td>
<td>156.6 - 298.9 mg/L, 48 hours</td>
<td></td>
</tr>
<tr>
<td>Fish LC50 Bluegill (Lepomis macrochirus)</td>
<td>300 mg/L, 96 hours</td>
<td></td>
</tr>
</tbody>
</table>
Persistence and degradability | No data is available on the degradability of this product.
--- | ---
Bioaccumulative potential | No data available.
Mobility in soil | No data available.
Mobility in general | Not available.
Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal Considerations

**Disposal instructions**
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations**
Dispose in accordance with all applicable regulations.

**Hazardous waste code**
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products**
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport Information

**Classification Method:** Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.

**U.S. Department of Transportation (DOT)**
Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)**
Not regulated as dangerous goods.

### 15. Regulatory Information

**Canadian federal regulations**
This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

- **Canada CEPA Schedule I: Listed substance**
  - Aluminum hydroxide (CAS 21645-51-2)
  - Listed.
- **Canada Priority Substances List (Second List): Listed substance**
  - Aluminum hydroxide (CAS 21645-51-2)
  - Listed.
- **Export Control List (CEPA 1999, Schedule 3)**
  - Not listed.
- **Greenhouse Gases**
  - Not listed.
- **Precursor Control Regulations**
  - Not regulated.

**WHMIS 2015 Exemptions**
Not applicable

**US federal regulations**
This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

- **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
  - Not regulated.
- **CERCLA Hazardous Substance List (40 CFR 302.4)**
  - Not listed.
  - Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard - Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delayed Hazard - No</td>
<td></td>
</tr>
<tr>
<td>Fire Hazard - No</td>
<td></td>
</tr>
<tr>
<td>Pressure Hazard - No</td>
<td></td>
</tr>
<tr>
<td>Reactivity Hazard - No</td>
<td></td>
</tr>
</tbody>
</table>

| SARA 302 Extremely hazardous substance | No |
| SARA 311/312 Hazardous chemical | No |
SARA 313 (TRI reporting)
Not regulated.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

US state regulations

US - Minnesota Haz Subs: Listed substance
Aluminum hydroxide (CAS 21645-51-2) Listed.
Calcium silicate (CAS 1344-95-2) Listed.
Octadecanoic acid, sodium salt (CAS 822-16-2) Listed.
Polyethylene glycol (CAS 25322-68-3) Listed.

US - New Jersey RTK - Substances: Listed substance
Calcium silicate (CAS 1344-95-2)

US - Texas Effects Screening Levels: Listed substance
Aluminum hydroxide (CAS 21645-51-2) Listed.
Calcium silicate (CAS 1344-95-2) Listed.
Citric Acid (CAS 77-92-9) Listed.
Polyethylene glycol (CAS 25322-68-3) Listed.
Sodium carbonate (CAS 497-19-8) Listed.

US, Massachusetts RTK - Substance List
Calcium silicate (CAS 1344-95-2)

US, New Jersey Worker and Community Right-to-Know Act
Not regulated.

US, Pennsylvania Worker and Community Right-to-Know Law
Calcium silicate (CAS 1344-95-2)

US, Rhode Island RTK
Aluminum hydroxide (CAS 21645-51-2)
Calcium silicate (CAS 1344-95-2)

US, California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

Disclaimer
The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

Issue date
03-December-2018

Version #
02

Effective date
17-November-2017

Prepared by
Dell Tech Laboratories Ltd.  Phone: (519) 858-5021
For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Redbook revision #2, 8/3/17